

FACT SHEET

INTENT TO REISSUE A HAZARDOUS WASTE MANAGEMENT PERMIT

Facility Name: Olin Corporation

Location: 1186 Lower River Road
Charleston, Bradley County, Tennessee 37310

Installation ID Number: TND 00 333 7292

Facility Owner: Olin Corporation
427 North Shamrock
East Alton, Illinois 62024-1197

Facility Operator: Olin Corporation
P.O. Box 248
Charleston, Tennessee 37310-0248

Facility Contact: Mr. Brooks S. Lunger, Manager
Environmental & Quality Assurance
Olin Corporation
P.O. Box 248
1186 Lower River Road
Charleston, Tennessee 37310
Phone: (423) 336-4409

Comment Period: Begins: August 9, 2004
Ends: September 23, 2004

FACILITY DESCRIPTION

Olin Corporation is located on Lower River Road approximately 1.5 miles west of Charleston, Tennessee. The total area owned by the permittee is 1,029 acres, 25 of which are occupied by the plant proper. There is one primary production area in the plant, the Chlor-Alkali Production Area. This area consists of chlorine/caustic soda production facilities, Reductone® (sodium hydrosulfite) production facilities, a hydrochloric acid production unit, a sulfur dioxide production area, and a utilities area consisting of water treatment facilities and steam production. In addition, there are administration, rubber services, waste treatment facilities, and additional maintenance/warehousing facilities located on-site.

PURPOSE

This fact sheet is prepared pursuant to Tennessee Rule 1200-1-11-.07(7)(d) for the draft permit developed by the Tennessee Department of Environment and Conservation's (TDEC) Division of Solid Waste Management (DSWM). The purpose of this permitting process is to afford any interested persons the opportunity to evaluate the ability of the permittee to apply the applicable hazardous waste management requirements. The proposal is for the renewal permit to be reissued under the authority of the Tennessee Hazardous Waste Management Act of 1977, as amended, Tennessee Code Annotated, Section 68-212-101 et seq., and Tennessee Rule Chapter 1200-1-11, Hazardous Waste Management. The permit is prepared in accordance with the provisions of Tennessee Rule 1200-1-11-.07.

PERMIT HISTORY AND PROPOSED PERMIT

The current permit (TNHW-014A) was issued to Olin Corporation on September 30, 1992 and was effective for ten (10) years. Tennessee Hazardous Waste Management Regulations require that the facility submit the renewal application 180 days before the current permit expires. Olin Corporation submitted Part A and Part B Hazardous Waste Permit Renewal Applications on March 22, 2002 to DSWM; thus, enabling the facility to continue to operate under the current permit until a final decision is made. The receipt of the Part A and Part B Applications was public noticed on April 25, 2002 in the Cleveland Daily Banner. Olin Corporation held the pre-application meeting for the renewal application on February 21, 2002, as public noticed on January 21, 2002 in the Cleveland Daily Banner. No members of the community attended the public meeting.

The current permit allows the facility to dispose hazardous waste generated on-site in a landfill, which will have a maximum design capacity at closure of 35 acre-feet. Retort ash from the on-site mercury Thermal Recovery Unit (TRU), dewatered brine muds (EPA Hazardous Waste No. K071), and miscellaneous mercury-contaminated wastes (EPA Hazardous Waste No. D009) are the only wastes that can be disposed in the landfill unit. Only wastes which meet the Land Disposal Restrictions (LDR) treatment standards applicable at the time of disposal will be placed in the landfill. The unit measures 300 feet long by 220 feet wide with a maximum capacity of 56,000 cubic yards of hazardous waste. The permit also requires the facility to conduct continued groundwater monitoring, maintenance, and security of the landfill disposal unit. The groundwater is monitored semiannually for mercury, and groundwater results have been below the groundwater protection standard of two parts per billion established in the permit.

Information on all solid waste management units (SWMUs) and areas of concern (AOCs) at the facility, including previous or ongoing investigations or corrective actions for all releases of hazardous wastes or hazardous constituents, is included in the facility's post-closure permit (TNHW-112). The conditions of permit THW-112 require that any future and existing SWMUs or AOCs be evaluated for potential releases and remediation, as necessary.

COMMENTS

Copies of Olin Corporation's application, draft permit, fact sheet and public notice are available for public inspection at the Cleveland Public Library, 795 Church Street NE, Cleveland, TN 37311 (telephone 423-472-2163). These materials are also available for public inspection during normal business hours, 8:00 a.m. to 4:30 p.m., Monday through Friday, except legal holidays, at the TDEC Chattanooga Environmental Assistance Center, Public Access Area, Chattanooga State Office Building, Suite 550, 540 McCallie Avenue, Chattanooga, TN 37402 (telephone 423-634-5745).

All persons, including the applicant, who believe that the tentative decision to reissue this permit is inappropriate must raise all ascertainable issues and submit all available arguments and factual grounds supporting their position by sending comments or requesting a public hearing to Ms. Angela Ivory; Treatment, Storage and Disposal Section; Division of Solid Waste Management; Tennessee Department of Environment and Conservation; 5th Floor, L & C Tower; 401 Church Street; Nashville, Tennessee 37243-1535; telephone 615-532-9267 or e-mail to Angela.Ivory@state.tn.us. Requests for a public hearing must state the nature of the issues proposed to be raised at the hearing. To assure consideration, comments or requests for a public hearing must be received by 4:30 p.m., September 23, 2004.

When DSWM makes a final permit decision to either issue or deny the permit, notice will be given to the applicant and each person who has submitted written comments or requested notice of the final decision. The final permit decision shall become effective upon signing by the Director of DSWM.

Persons who wish to be on DSWM's mailing list should request a Mailing List Request form by calling or writing: Public Participation Officer; Division of Solid Waste Management; Tennessee Department of Environment and Conservation; 5th Floor, L & C Tower; 401 Church Street; Nashville, TN 37243-1535; telephone 615-532-0798; or e-mail Solid.Waste@state.tn.us.